Strategic Systems Incorporated

Moving Infantry Target (MIT)

Description:

Strategic Systems' Moving Infantry Target (MIT) device is a self-propelled target mechanism that is designed to simulate a walking or running man for live fire training. The unit lifts a 2D or 3D "Ivan" infantry silhouette.

The SSI MIT uses encoders for position sensing along the track. Silhouette can be exposed or concealed at any position along the length of the track. The MIT includes a muzzle flash simulator, as well as power for a thermal silhouette.

Operator can select various speeds to simulate walking, jogging, or running over flat terrain. The MIT track is easily assembled and available in 3m (10FT) lengths at the US DoD standard of .6m (2FT) wide to any length required. The head-end control enclosure houses the battery charging hardware.

The target is compatible with DoD standard U.S. Army's Targetry Range Automated Control and Recording (TRACR) software for any Qualification or Maneuver range. The MIT includes connections for accessories like thermal and muzzle flash simulators.

#GS-02F-0089S

GSA

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Performance Specifications:

Lift Capacity: Up to a 20 lb. silhouette at a maximum torque arm of 24 inches.

Lift Time: Less than 1 second, all NATO silhouettes.

Hit Sensitivity: Remotely Adjustable.

Hit Sensing Capacity: >500 hits/minute.

Target Carriage Speed: Variable, max 10 kph.

Communications: Carriage - 900 mHz or 2.4 gHz
Control Box - WiFi or Ethernet

Physical Specifications:

Dimensions: 40L" x 22W" x 17H"

Weight: ~230 lbs.

Environmental Specifications:

Storage Temp: -40F to 140F (-40C to 60C)

Operating Temp: -20F to 120F (-28C to 49C)

Water Resistance: Temporarily submersible in up to 2 feet of water for up to 4 hours, with an IP65 Rating.

Wind Resistance: Operates in up to 35 mph winds.

Electrical Specifications:

AC Voltage: 240VAC / 120VAC

AC Current: 1A @ 240VAC / 2A @ 120VAC

DC Voltage: 24VDC

GSA Advantage!

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